

THE FOURTH GROVER CONFERENCE
CLINICAL PULMONARY HYPERTENSION: DIAGNOSIS AND TREATMENT

Thursday, September 13, 1990

The Diagnosis of Pulmonary Hypertension

8:20 A. INTRODUCTION: Is early diagnosis possible, useful and cost-effective?
Lew Rubin, M.D.

B. Altered Right Heart Function

8:40 1. Right ventricular pathophysiology in pulmonary hypertension
Roy Ditchey, M.D.

9:00 DISCUSSION

9:20 2. The clinical importance of right ventricular function in pulmonary hypertension.
W. MacNee, M.D.

9:40 DISCUSSION

10:00 BREAK

10:20 3. Ultrasound in the evaluation of right heart function
Liv K. Hatle, M.D.

10:40 DISCUSSION

11:00 4. Cine CT and scintigraphic methods to assess right ventricular function in pulmonary disease.
Joseph Abbott, M.D.

11:20 DISCUSSION

11:30 5. Potential of MRI in the evaluation of the right ventricle
Gordon Gamsu, M.D.

11:50 DISCUSSION

12:00 LUNCH

C. Interactions between the ventricles and pulmonary vasculature in pulmonary hypertension

3:30 OVERVIEW: (Pathophysiology and treatment of cardiopulmonary dysfunction complicating pulmonary hypertension).
R.M. Prewitt, M.D.

3:50 1. The coupling of right ventricular function to the hypertensive pulmonary vasculature
William Hunter, Ph.D.

4:10 DISCUSSION

- 4:30 2. Altered left ventricular function in pulmonary hypertension
James L. Robotham, M.D.
- 4:50 DISCUSSION
- 5:10 BREAK
- 5:30 3. In vivo compliance of the large pulmonary arteries
Brydon Grant, M.D.
- 5:50 DISCUSSION
- 6:05 4. Pulmonary vascular impedance in the presence of elevated
left heart pressures
Frank C.P. Yin, M.D., Ph.D.
- 6:25 DISCUSSION
- 6:40 DINNER

Friday, September 14, 1990

D. Early Diagnosis in Pulmonary Hypertension

- 8:20 1. Doppler and echo studies in the early diagnosis of
pulmonary hypertension
Nelson B. Schiller, M.D.
- 8:40 DISCUSSION
- 9:00 2. Early diagnosis of pulmonary hypertension in infants
and young children
Hugh Allen, M.D.
- 9:20 DISCUSSION
- 9:40 3. Evaluation of the pulmonary circulation with positron
emission tomography
Daniel Schuster, M.D.
- 10:00 DISCUSSION
- 10:20 BREAK
- 10:40 4. Endothelial function studies in vascular disease
John Catravas, Ph.D.
- 11:00 DISCUSSION
- 11:20 SUMMARY: Right ventricular function and early diagnosis in
pulmonary hypertension
Bruce Brundage, M.D.
- 12:00 LUNCH

AFTERNOON FREE

Saturday, September 15, 1990

The Treatment of Pulmonary Hypertension

- 8:20 INTRODUCTION: Alfred Fishman, M.D.
- 8:40 1. Pulmonary hypertension of the newborn (medical treatment/
ECMO)
Pearl O'Rourke, M.D.
- 9:00 DISCUSSION
- 9:20 2. Pulmonary hypertension in broncho pulmonary dysplasia
Hugh O'Brodovich, M.D.
- 9:40 DISCUSSION
- 10:00 BREAK
- 10:20 3. The role of pulmonary hypertension in high altitude
pulmonary edema
Tom Stelzner, M.D.
- 10:40 DISCUSSION
- 11:00 4. Interferon 2a and other anti-proliferative treatment in
primary pulmonary hypertension
Carl White, M.D.
- 11:20 DISCUSSION
- 11:30 5. The pathophysiologic rationale for the use of heparin-like
agents in pulmonary hypertension
Charles Hales, M.D.
- 11:50 DISCUSSION
- 12:00 LUNCH
- 3:30 6. Pathophysiologic mechanisms in scleroderma and the
potential for treatment
Carwile LeRoy, M.D.
- 3:50 DISCUSSION
- 4:10 7. Should pulmonary hypertension be treated in chronic
obstructive lung disease?
Robert Naeije, M.D.
- 4:30 DISCUSSION
- 4:40 8. Hemodynamic and pathologic correlations in the Primary
Pulmonary Hypertension Registry: implications for treatment
Stuart Rich, M.D.
- 5:00 DISCUSSION
- 5:10 BREAK

9. Thromboembolism

- 5:30 a. Effects of lytic therapy
 Sam Goldhaber, M.D.
- 5:50 DISCUSSION
- 6:05 b. Results of thromboendarterectomy
 Ken Moser, M.D.
- 6:25 DISCUSSION
- 6:40 DINNER

Sunday, September 16, 1990

Heart-lung transplantation

- 8:20 1. Patient selection and selection of surgery in lung and
 heart/lung transplantation
 Alec Patterson, M.D.
- 8:40 DISCUSSION
- 9:00 2. Long-term follow up of heart and lung function after heart/
 lung transplantation
 Timothy Higgenbottam, M.D.
- 9:20 DISCUSSION
- 9:40 BREAK
- 10:00 3. Bronchiolitis obliterans and evaluation of rejection
 John Scott, M.D.
- 10:20 DISCUSSION
- 10:30 4. Immunologic studies following lung and heart/lung
 transplantation
 Adriana Zeevi, M.D.
- 10:50 DISCUSSION
- 11:00 5. Pathologic findings in lung recipients
 Sam Yousen, M.D.
- 11:20 DISCUSSION
- 11:30 Overview of the Treatment of Pulmonary Hypertension
 David Dantzker, M.D.